

A resolver stator includes a stator coil which is fixed to magnetic poles of the resolver stator by a resin softer than an epoxy, whereby disconnection in the stator coil is avoided when the resolver stator is used in an environment in which temperature varies in a wide range. Wire ends of the stator coil are each wound around a terminal and fixed thereto such that one part of the wound wire end is left free from the terminal, whereby disconnection of wires is avoided.